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14089046605 From: Thomas Berthold

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PTO/SB/21 (04-04)

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TRANSMITTAL FORM <small>(to be used for all correspondence after initial filing)</small>	Application Number	09/916,390	
	Filing Date	07/26/2001	
	First Named Inventor	Matthew J. Carey	
	Art Unit	1773	
	Examiner Name	Holly C. Rickman	
Total Number of Pages in This Submission	10	Attorney Docket Number	ARC920010091US1

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks 		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Thomas R. Berthold
Signature	<i>Thomas R. Berthold</i>
Date	05/14/2004

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Typed or printed name	Thomas R. Berthold		
Signature	<i>Thomas R. Berthold</i>	Date	05/14/2004

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PTO/SB/17 (10-01)

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**FEE TRANSMITTAL
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TOTAL AMOUNT OF PAYMENT (\$) 0.00**Complete if Known**

Application Number	09/916,390
Filing Date	07/26/2001
First Named Inventor	Matthew J. Carey
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METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																																																													
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number: 502587 Deposit Account Name: Hitachi Global Storage Technologies <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130 205 65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50 227 25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130 139 130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520 147 2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>1804</td><td>920* 112 920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840* 113 1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110 215 55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>420 216 205</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>950 217 465</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,480 218 725</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>2,010 228 985</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>330 219 160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>330 220 160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>290 221 140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510 138 1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110 240 55</td><td>Petition to revive - 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SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Thomas R. Berthold	Registration No. (Attorney/Agent)	28,689
Signature	<i>Thomas R. Berthold</i>	Telephone	(408) 396-8411
		Date	05/14/2004

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PATENT 1 4 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Application No.: 09/916,390

Art Unit: 1773

Filing Date: 07/26/2001

Examiner: Holly C. Rickman

First Named Inventor: Matthew J. Carey

Date: 5/14/2004

Title: **DUAL-LAYER PERPENDICULAR MAGNETIC RECORDING MEDIA
WITH LAMINATED UNDERLAYER FORMED WITH
ANTIFERROMAGNETICALLY COUPLED FILMS**

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This is in response to the Office communication mailed 2/23/2004. Please amend the application as follows:

ARC920010091US1

Page 1 of 8

09/916,390